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INFORMATION ON POLISH TECHNICAL SCHOOLS AND RESEARCH INSTITUTES

LODZ POLYTECHNIC ENTRANCE AND CRADUATION REQUIREMENTS -- Lublin, Zycie Lubelskie, 22 May 53

Youth desiring technical studies can apply to any one of the five faculties of the Lodz Polytechnic (Politechnika Lodzka). These include the faculties of Mechanical Engineering, of Electrical Engineering, of Chemistry, of Textiles, and of Chemistry of Food Processing. Studies in each of the faculties lasts 4 years.

Candidates for the Lodz Polytechnic must take an entrance examination and also medical examinations. All candidates must take a written examination in mathematics and an oral examination in history of Poland and current history. In addition, those entering the Faculty of Mcchanical Engineering and the Faculty of Electrical Engineering must take an oral examination in physics, while those entering the faculties of Chemistry, of Textiles, and of Chemistry of Food Processing must take an oral examination in chemistry.

The Lodz Polytechnic contains well organized and well equipped laboratories and scientific research workshops. An essential part of the curriculum is the work experience with pay at industrial enterprises during the summer vacation. To train the youth in systematic work, it is necessary for the Polytechnic to impose study discipline by requiring obligatory presence at all the lectures and exercises as well as periodic examinations. Because of the demands placed upon the youth, working for pay during studies is basically

For the majority of the faculties, specialization begins in the third year. The Faculty of Mechanical Engineering has three basic courses: construction, technology, and casting. The Faculty of Electrical Engineering has two courses: power and construction. The Faculty of Chemistry has the following courses: organic chemistry and inorganic chemistry.

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The Faculty of Textiles has two departments — technology and chemistry, as well as two separate specializations — study of textiles and textile me-

The Faculty of Chemistry of Food Processing has the following specializations: confectionery production, pharmacy $\sqrt{\sin \zeta}$, technology of alcohol and yeast, technology of meat, technology of fruits and vegetables, technology of herbs and aromatics, starch production, and syrup production.

After finishing h years of study and passing the examination for the diploma, the graduate receives the title of engineer. The more outstanding students may then continue their studies for a master's degree, which takes 2 years. Graduates with a master's degree are expected to become research workers at the higher schools, scientific institutes, and other scientific research centers.

The studies at the Polytechnic are difficult, since even the intelligent students who apply themselves systematically have difficulty meeting the standards. The People's Republic of Poland grants scholarships to about given lodging at the academy homes.

POLISH AGRICULTURAL TECHNICAL SCHOOLS -- Warsaw, Gromada-Rolnik Polski, 4 Jun 53

The agricultural technical schools accept students who have completed the seventh class of the elementary school. These technical schools teach agrotechnology, zootechnology, agricultural mechanics, agricultural accounting, veterinary science, water improvement, gardening, and village construction. Nine thousand students are attending agricultural technical

In addition to the agricultural technical schools, there is also the 11-month basic agricultural school. A graduate receives the degree of technician (technik). These students formerly were agricultural workers, water improvement workers, and numbers of producers cooperatives. In 1953, over 2,000 students attended these schools.

In addition, there are a number of centers training cadres for the POM (Panstwowy Osrodek Massynowy, state machine centers) and cadres for producers cooperatives. These are directed by the Central School Office of POM and of Producers Cooperatives (Centralna Szkola POM i Spoldzielczosci Produkcyjnej).

OPENING OF NEW HIGHER AGRICULTURAL SCHOOL IN KRAKOW -- Warsaw, Trybuna Ludu,

A new Higher School of Agriculture (Wyzsza Szkola Rolnicza) is to open in Krakow during the 1953-5% school year. This school will contain the departments of agriculture and forestry, taken from the Jagiellonian University in cattle breeding.

SCIENTIFIC RESEARCH INSTITUTES IN POLAID -- Warsaw, Trybuna Ludu, 21 May 53

At the end of 1952, there were 87 scientific research institutes in Poland, as compared to 29 in 1949.

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